

REMARKS

Claims in the case are 1, 3-5, 7, 9, 12, 17-24, 29 and 30 upon entry of this amendment. Claim 1 has been amended, and Claims 10 and 28 have been cancelled herein.

Claims 1, 3-5, 7, 9, 10, 12, 17-24 and 30 stand rejected under 35 U.S.C. §102(b) as anticipated or, in the alternative, under 35 U.S.C. §103(a) as obvious under United States Patent No. 4,131,575 (**Adelmann et al**). This rejection is respectfully traversed with regard to the amendments herein and the following remarks.

Adelmann et al disclose thermoplastic molding materials of high molecular weight, thermoplastic, aromatic polycarbonates, and 0.01 to 0.1 wt. % of esters of C₁₀₋₂₀ saturated aliphatic carboxylic acids with 4- to 6-hydric alcohols (abstract). However, Adelmann et al does not disclose, teach or suggest the thermoplastic polymer mixtures of Applicants' present claims. In particular, Adelmann et al does not disclose, teach or suggest a thermoplastic polymer mixture that includes at least one polycarbonate selected from the group consisting of copolymers of bisphenol A with trimethylcyclohexyl bisphenol containing 5 to 50 wt. % of trimethylcyclohexyl bisphenol. Further, Adelmann et al does not disclose, teach or suggest a thermoplastic polymer mixture that includes the combination of: (a) at least one polycarbonate selected from the group consisting of copolymers of bisphenol A with trimethylcyclohexyl bisphenol containing 5 to 50 wt. % of trimethylcyclohexyl bisphenol; and (b) a mold release agent containing a polyol residue selected from formulas (i)-(v) which has the same number of esterified groups and free hydroxyl groups.

It is noted that the present rejection does not include Claim 28. The subject matter of Claim 28 has been introduced into the polycarbonate (a) of Claim 1 by amendment herein.

In light of the amendments herein and the preceding remarks, Applicants' present claims are deemed to be unanticipated by, unobvious over, and patentable over Adelmann et al. Reconsideration and withdrawal of the present rejection is respectfully requested.

Claims 1, 3-5, 7, 9, 10, 17-24 and 28-30 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Adelmann et al in view of United States Reissued Patent No. US RE37,200 E (**Dunay et al**) or European Patent Application No. 0 511 640 (**Shimada**). This rejection is respectfully traversed with regard to the amendments herein and the following remarks.

Adelmann et al has been discussed previously herein, and does not disclose, teach or suggest a thermoplastic polymer mixture that includes at least one polycarbonate selected from the group consisting of copolymers of bisphenol A with trimethylcyclohexyl bisphenol containing 5 to 50 wt. % of trimethylcyclohexyl bisphenol. In addition, Adelmann et al does not disclose, teach or suggest a thermoplastic polymer mixture that includes the combination of: (a) such a polycarbonate; and (b) a mold release agent containing a polyol residue selected from formulas (i)-(v) which has the same number of esterified groups and free hydroxyl groups.

Dunay et al disclose discoloration resistant thermoplastic polycarbonate molding compositions (which are free from organo phosphorus compounds) which include a polycarbonate resin, and as necessary components, a dimeric benzotriazole and an ester of 3,5-di-tert-butyl-4-hydroxyhydrocinnamic acid (abstract). However, Dunay et al do not disclose, teach or suggest a thermoplastic polycarbonate composition which includes at least one polycarbonate selected from the group consisting of copolymers of bisphenol A with trimethylcyclohexyl bisphenol containing 5 to 50 wt. % of trimethylcyclohexyl bisphenol. Further, Dunay et al do not disclose, teach or suggest a thermoplastic polymer mixture that includes the combination of: (a) such a polycarbonate; and (b) a mold release agent containing a polyol residue selected from formulas (i)-(v) which has the same number of esterified groups and free hydroxyl groups.

Shimada discloses a molding composition which includes a polycarbonate having a specific viscosity range, and 0.001 to 0.1 pphr of a saturated monovalent fatty acid monoglyceride (abstract). The molding compositions of Shimada are disclosed as being useful in the fabrication of optical moldings, such as compact disks (page 2, lines 1-4). However, Shimada does not disclose, teach or suggest a

Mo-6389


thermoplastic polycarbonate composition which includes at least one polycarbonate selected from the group consisting of copolymers of bisphenol A with trimethylcyclohexyl bisphenol containing 5 to 50 wt. % of trimethylcyclohexyl bisphenol. In particular, Shimada do not disclose, teach or suggest a thermoplastic polymer mixture that includes the combination of: (a) such a polycarbonate; and (b) a mold release agent containing a polyol residue selected from formulas (i)-(v) which has the same number of esterified groups and free hydroxyl groups.

Adelmann, Dunay et al and Shimada, either alone or in combination do not disclose, teach or suggest the thermoplastic polymer mixtures of Applicants' present claims. In particular, none of Adelmann, Dunay et al and Shimada disclose, teach or suggest a thermoplastic polymer mixture that includes: at least one polycarbonate selected from the group consisting of copolymers of bisphenol A with trimethylcyclohexyl bisphenol containing 5 to 50 wt. % of trimethylcyclohexyl bisphenol. More particularly, Adelmann, Dunay et al and Shimada, either alone or in combination do not disclose, teach or suggest a thermoplastic polymer mixture that includes the combination of: (a) at least one polycarbonate selected from the group consisting of copolymers of bisphenol A with trimethylcyclohexyl bisphenol containing 5 to 50 wt. % of trimethylcyclohexyl bisphenol; and (b) a mold release agent containing a polyol residue selected from formulas (i)-(v) which has the same number of esterified groups and free hydroxyl groups. As such, even if Adelmann were combined with Dunay et al and/or Shimada, Applicants' presently claimed compositions would not result therefrom.

In light of the amendments herein and the preceding remarks, Applicants' claims are deemed to be unobvious and patentable over Adelmann et al in view of Dunay et al or Shimada. Reconsideration and withdrawal of this rejection is respectfully requested.

In light of the amendments herein and the preceding remarks, Applicants' presently pending claims are deemed to define an invention that is unanticipated, unobvious and hence, patentable. Reconsideration of the rejections and allowance of all of the presently pending claims is respectfully requested.

Respectfully submitted,

By 
James R. Franks
Agent for Applicants
Reg. No. 42,552

Bayer Polymers LLC
100 Bayer Road
Pittsburgh, Pennsylvania 15205-9741
(412) 777-8339
FACSIMILE PHONE NUMBER:
(412) 777-8363

/jme/JRF/JF0190